

What is claimed is:

- 1 1. A method for converting formatted content comprising:
2 identifying a template which corresponds to a specified document, said specified
3 document including said formatted content;
4 applying said template to said specified document, said application extracting
5 data from said formatted content; and
6 formatting said data using a different markup language; wherein said formatting
7 produces a second document.
- 1 2. The method of claim 1, wherein said extracted data is unformatted data.
- 1 3. The method of claim 1, further comprising:
2 receiving a content request, said content request specifying a network location
3 from which said specified document can be retrieved; and,
4 retrieving said specified document from said network location.
- 1 4. The method of claim 1, further comprising:
2 presenting said second document through a user interface.
- 1 5. The method of claim 4, wherein said user interface is a speech interface.

1 6. The method of claim 1, wherein said extracting data comprises reading data in
2 said formatted content from an offset within said specified document, said offset
3 identified by a content marker within said template.

1 7. The method of claim 6, further comprising reading a data identifier from said
2 content marker.

1 8. The method of claim 1, wherein said formatted content is formatted using a
2 markup language selected from the group consisting of hypertext markup language
3 (HTML), extensible markup language (XML), standard generalized markup language
4 (SGML), wireless markup language (WML), handheld device markup language (HDML),
5 and VoiceXML.

1 9. The method of claim 1, wherein said formatted content is hypertext markup
2 language (HTML) formatted content.

1 10. The method of claim 1, wherein said different markup language is selected from
2 the group consisting of hypertext markup language (HTML), extensible markup
3 language (XML), standard generalized markup language (SGML), wireless markup
4 language (WML), handheld device markup language (HDML), and VoiceXML.

1 11. The method of claim 1, wherein said different markup language is voice
2 extensible markup language (VoiceXML).

1 12. The method of claim 1, wherein said second document and said specified
2 document are of a different modality.

1 13. A method of configuring a content converter comprising:
2 determining at least one data location within at least one specified document
3 containing formatted content;
4 constructing at least one template having one or more content markers which
5 correspond to said data location, each said template corresponding to a specified
6 document; and,
7 mapping said templates to said specified documents using a template table.

1 14. A system for reformatting data comprising:
2 a buffer for receiving documents formatted in a first markup language;
3 one or more templates for extracting data from formatted content in said
4 documents, each said template corresponding to at least one document;
5 a table of said templates associating said templates with said corresponding
6 documents; and,
7 a formatter for formatting said data using a second markup language.

1 15. The system of claim 14, wherein said templates have at least one content
2 marker for locating data within said formatted content.

1 16. The system of claim 15, wherein said content marker has an identifier for
2 identifying data within said formatted content.

1 17. The system of claim 14 wherein said formatted content is formatted using a
2 markup language selected from the group consisting of hypertext markup language
3 (HTML), extensible markup language (XML), standard generalized markup language
4 (SGML), wireless markup language (WML), handheld device markup language (HDML),
5 and VoiceXML.

1 18. The system of claim 14, said formatted content is hypertext markup language
2 (HTML) formatted content.

1 19. The system of claim 14, wherein said different markup language is selected from
2 the group consisting of hypertext markup language (HTML), extensible markup
3 language (XML), standard generalized markup language (SGML), wireless markup
4 language (WML), handheld device markup language (HDML), and VoiceXML.

1 20. The system of claim 14, wherein said second markup language is voice
2 extensible markup language (VoiceXML).

1 21. The system of claim 14, wherein said first and second markup languages are of
2 a different modality.

1 22. A machine readable storage, having stored thereon a computer program having
2 a plurality of code sections executable by a machine for causing the machine to
3 perform the steps of:

4 identifying a template which corresponds to a specified document, said specified
5 document including formatted content;

6 applying said template to said specified document, said application extracting
7 data from said formatted content; and

8 formatting said data using a different markup language, wherein said formatting
9 step produces a second document.

1 23. The machine readable storage of claim 22, further causing the machine perform
2 the steps of:

3 receiving a content request, said content request specifying a network location
4 from which said specified document can be retrieved; and,

5 retrieving said specified document from said network location.

1 24. The machine readable storage of claim 22, further causing the machine perform
2 the steps of:

3 presenting said second document through a user interface.

1 25. The machine readable storage of claim 24, wherein said user interface is a
2 speech interface.

1 26. The machine readable storage of claim 22, wherein said extracting data
2 comprises reading data in said formatted content from an offset within said specified
3 document, said offset identified by a content marker within said template.

1 27. The machine readable storage of claim 26, further comprising reading a data
2 identifier from said content marker.

1 28. The machine readable storage of claim 22, wherein said formatted content is
2 formatted using a markup language selected from the group consisting of hypertext
3 markup language (HTML), extensible markup language (XML), standard generalized
4 markup language (SGML), wireless markup language (WML), handheld device markup
5 language (HDML), and VoiceXML.

1 29. The machine readable storage of claim 22, wherein said formatted content is
2 hypertext markup language (HTML) formatted content.

1 30. The machine readable storage of claim 22, wherein said different markup
2 language is selected from the group consisting of hypertext markup language (HTML),
3 extensible markup language (XML), standard generalized markup language (SGML),

1 wireless markup language (WML), handheld device markup language (HDML), and
2 VoiceXML.

1 31. The machine readable storage of claim 22, wherein said different markup
2 language is voice extensible markup language (VoiceXML).

1 32. The machine readable storage of claim 22, wherein said second document and
2 said specified document are of a different modality.

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